



240
Patent

Attorney's Docket No. 010055-134

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Simon C. BURTON et al.) Group Art Unit: 1808
Application No.: 08/468,610) Examiner: Jon P. Weber, Ph.D.
Filed: June 6, 1995)
For: CHROMATOGRAPHIC RESINS)
AND METHODS FOR USING SAME)

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SUPPLEMENTAL AMENDMENT PURSUANT TO 37 C.F.R. § 1.112

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to the Reply filed on January 28, 2002 and in complete response to the Office Action mailed on September 28, 2001 (Paper No. 20), Applicants hereby provide the following amendments and remarks.

IN THE CLAIMS:

Kindly add the following new claims as follows.

Rule 5324 (New claim) A resin-protein/peptide complex which comprises a resin and a target protein or peptide bound thereto wherein said resin comprises
a) a solid support matrix; and
b) selected ionizable ligand covalently attached to the matrix,
wherein the ionizable ligand is selected such that the resin is electrostatically uncharged at the pH where the target protein or peptide is bound to the resin wherein the protein or peptide binds to the resin at a pH of 5 to 9 and is electrostatically charged at the pH where the target protein or peptide is desorbed from the resin wherein desorption